

CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 07/27/99

AGENDA ITEM 7

WORK SESSION ITEM

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Authorization for the City Manager to Execute an Agreement for Professional Design Services for Relocating the 24-Inch Aqueduct at Niles Canyon

RECOMMENDATION:

It is recommended that the City Council authorize the City Manager to execute an agreement with Harris and Associates for professional design services to prepare plans, specifications and construction cost estimate to relocate the 24-inch aqueduct at Niles Canyon in an amount to not exceed \$110,000.

BACKGROUND/DISCUSSION:

The City of Hayward's water source is the City of San Francisco's Hetch-Hetchy water system. Two aqueducts, referred to as the 24-inch and the 42-inch aqueducts, convey this source of water to Hayward's service area. The 24-inch aqueduct begins at Mission Boulevard in the City of Fremont and then goes northwesterly along Mission Boulevard to Hayward. Caltrans, in conjunction with the Alameda County Transportation Authority, is proceeding with a plan to widen and lower Mission Boulevard (State Route 238) in the area of Niles Canyon in Fremont. Mission Boulevard became a state route in 1909, predating the 24-inch aqueduct construction. This serves as the basis for Caltrans to order utility relocations, at the utility owner's cost, wherever conflicts occur with roadway alteration. Consequently, the City of Hayward Water System must pay the cost of the necessary relocation work. The portion of the aqueduct requiring relocation begins near Mowry Avenue, then continues north across Alameda Creek to about 500 feet north of Niles Canyon Railroad. The total distance is about 1,900 meters (6,200 feet), of which about two-thirds will require relocation, based upon best estimates at this time.

CONSULTANT SELECTION:

Consultants were asked to submit proposals to the City for preparing plans, specifications, and engineer's estimates. Upon review of proposals, Harris and Associates was selected for this project. The selection was based upon a review of (1) the relevant experience, (2) the experience and qualification of the project manager and design team, (3) the method of work proposed, and (4) the resources, project controls, and quality assurance of each firm. Harris

and Associates proposes to use four MBE subconsultants for a total of approximately 27% MBE/DBE participation in the project design.

Based on the analysis of the number of staff-hours proposed by each of the consultants, staff has concluded that the final negotiated not-to-exceed cost of \$110,000, including extra services, is reasonable for the scope of services required. Harris and Associates possess an experienced and qualified project manager and design team, and the necessary resources to properly control the work.

PROJECT COST:

Design (Consultant)	\$110,000
Design Administration	\$40,000
Construction	\$900,000
Construction inspection	\$30,000
Total	\$1,080,000

FUNDING:

A total of \$870,000 has been approved in the Water System Capital Improvement Fund of the 1999/00 Capital Improvement Program for this project. After costs are more refined through the design process, additional funds, if necessary, will be requested during the award of the construction project.

SCHEDULE:

Begin design	August 1, 1999
Design completion	December 1, 1999
Award construction contract	March 2000
Complete construction	July 2000

Prepared by:


Alex Ameri, Deputy Director of Public Works

Recommended by:


Dennis L. Butler, Director of Public Works

Approved by:


Jesus Armas, City Manager

Attachment: Exhibit A: Project Location Map

DM 11-20-99

DRAFT
HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION AUTHORIZING THE CITY MANAGER
TO EXECUTE AN AGREEMENT BETWEEN THE CITY
OF HAYWARD AND HARRIS & ASSOCIATES FOR
PROFESSIONAL SERVICES TO RELOCATE THE 24-
INCH AQUEDUCT AT NILES CANYON PROJECT,
NO. 7154

BE IT RESOLVED by the City Council of the City of Hayward that the City Manager is hereby authorized and directed to execute on behalf of the City of Hayward an agreement with Harris & Associates for professional services to prepare plans, specifications, and a construction cost estimate to relocate the 24-inch aqueduct at Niles Canyon Project No.7154, in an amount not to exceed \$110,000, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 1999

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

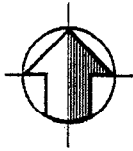
ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

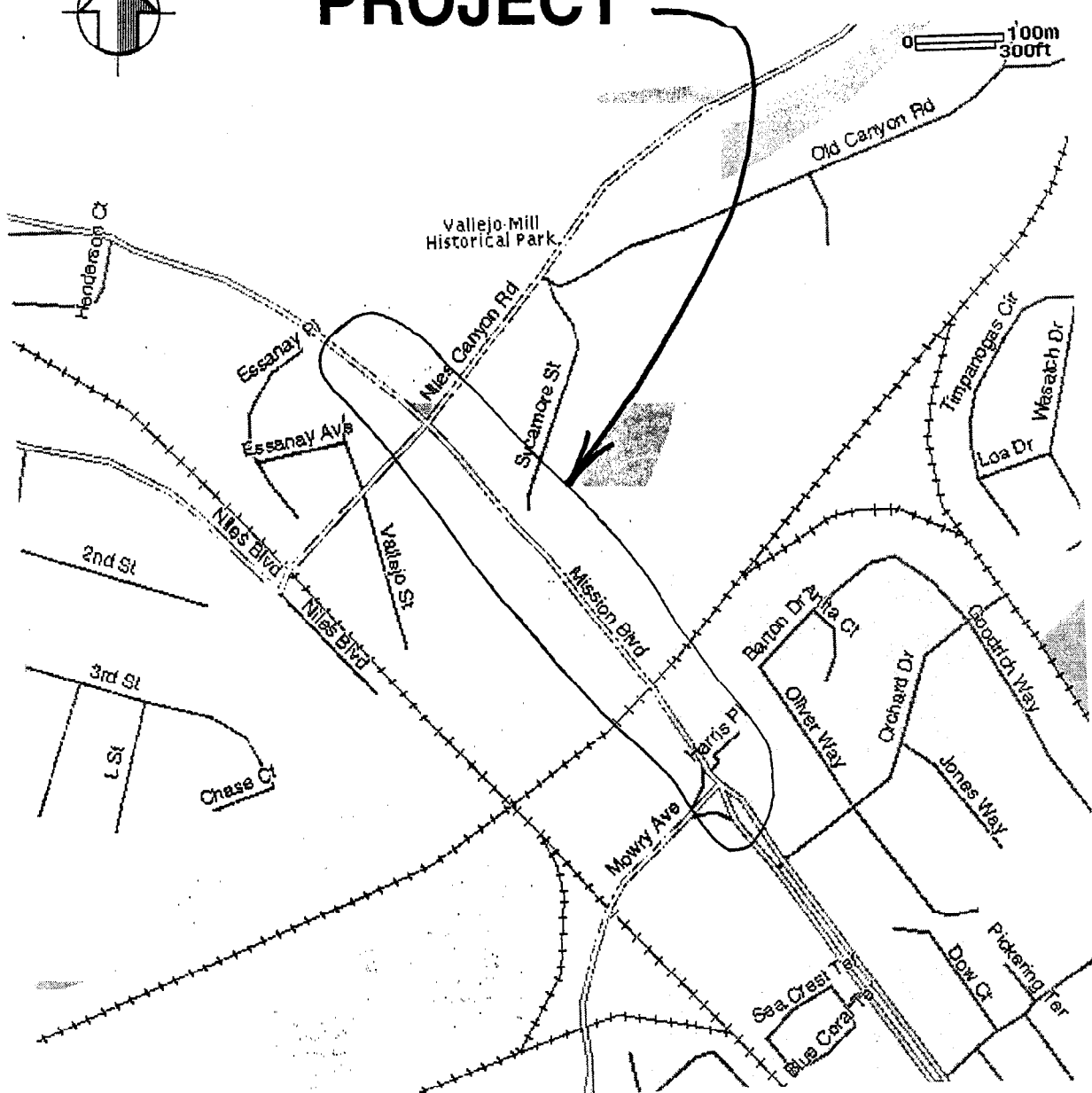
APPROVED AS TO FORM:

City Attorney of the City of Hayward



PROJECT

0 100m
300ft



PROJECT LOCATION MAP

N.T.S.

THE 24-INCH AQUEDUCT RELOCATION AT NILES CANYON

PROJECT NO. 623-7154

EXHIBIT A